

Public Use Data Dictionary:
American Time Use Survey (ATUS)
Survey Methodology Data

Variables about ATUS, 2003

June 2005

The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics
and conducted by the Census Bureau.

Important Information about the ATUS Survey Methodology Data Dictionary

Introduction

The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics and conducted by the Census Bureau. The purpose of this document is to provide information about the data variables related to the quality and outcome of the interviews. In 2003, the Survey Methodology Data Dictionary describes one of the ATUS files, the Case History File. In future years, the Survey Methodology Data Dictionary may describe additional files.

This document lists all the variables available on the Case History File and their valid values. It also provides directions on how to read the data dictionary. The ATUS User's Guide contains information about the sample selection, survey administration, data collection, and coding process (available on the ATUS website at <http://www.bls.gov/tus/atususersguide.pdf>).

There are five additional ATUS public use data files, and two related data dictionaries. One dictionary describes the ATUS-CPS File, which contains most of the variables available on the CPS public use files for all ATUS cases. The other public use data dictionary describes the ATUS interview data, containing information on the variables on the Respondent File, the Activity File, the Roster File, and the Who File. Both of these additional public use data dictionaries are available on the ATUS website, www.bls.gov/tus/home.htm.

Valid Values

Each variable on the Case History file has a number of valid values or a range of valid values. For example, TUINTDQUAL has two valid values: 1 for "interview should be used" and 2 for "interview should not be used." TUINTID, on the other hand, has a range of valid values – any entry between AA00 and ZZ99 is considered valid. Individual valid values or a range of valid values are listed under each variable in the data dictionary.

Many ATUS variables have the following possible valid values:

Value	Description
-1	Blank
-2	Don't Know
-3	Refused

Since so many variables have these possible values, they are not shown as valid entries for each variable.

TUCASEID, the primary identifier for ATUS cases, does not list either valid values or a range of valid values.

Case History File

This file contains case-specific variables collected in ATUS, including interviewer identifiers and case level outcome codes. The file also contains two data quality variables, TUINTDQUAL and TUDQUAL2, which were asked after each completed interview and used to assess the interviewer's perception of data quality. The file contains information about cases selected to participate in ATUS, including both those who completed the interview and those who did not.

There is one record for each ATUS case.

Below is a simplified example. The TUCASEID identifies each ATUS case, so the example contains information from five cases selected to be in the ATUS sample. Each example case has associated variables listing the final outcome code (TUFINALCODE), the total number of reported activities (TUTOTACTNO), the average duration of reported activities (TUAVGDUR), and an interviewer identification number (TUINTID). Note that two

of the cases do not report information for TUTOTACTNO and TUAvgDUR; this is because they were noncontacts, as is indicated by the value of TUFINALCODE. The actual ATUS Case History File contains additional variables.

TUCASEID	TUFINALCODE	TUTOTACTNO	TUAvgDUR	TUINTID
20030101020210	001	27	42.2	AA01
20030101020211	001	16	90	AA02
20030101020212	118	-1	-1	BB01
20030101020213	118	-1	-1	AA01
20030101020214	001	31	46.5	BB01

ATUS Naming Conventions and Definitions

ATUS variables are named according to specified rules. All variables on the Case History File begin with "TU," which indicates that the variables were either (1) collected or assigned during the ATUS interview, or (2) computed by the processing system. The remaining characters after the "TU" consist of a descriptive name.

Not all ATUS variables are on the public use files. Some variables are omitted to protect the confidentiality of ATUS respondents as required by law.

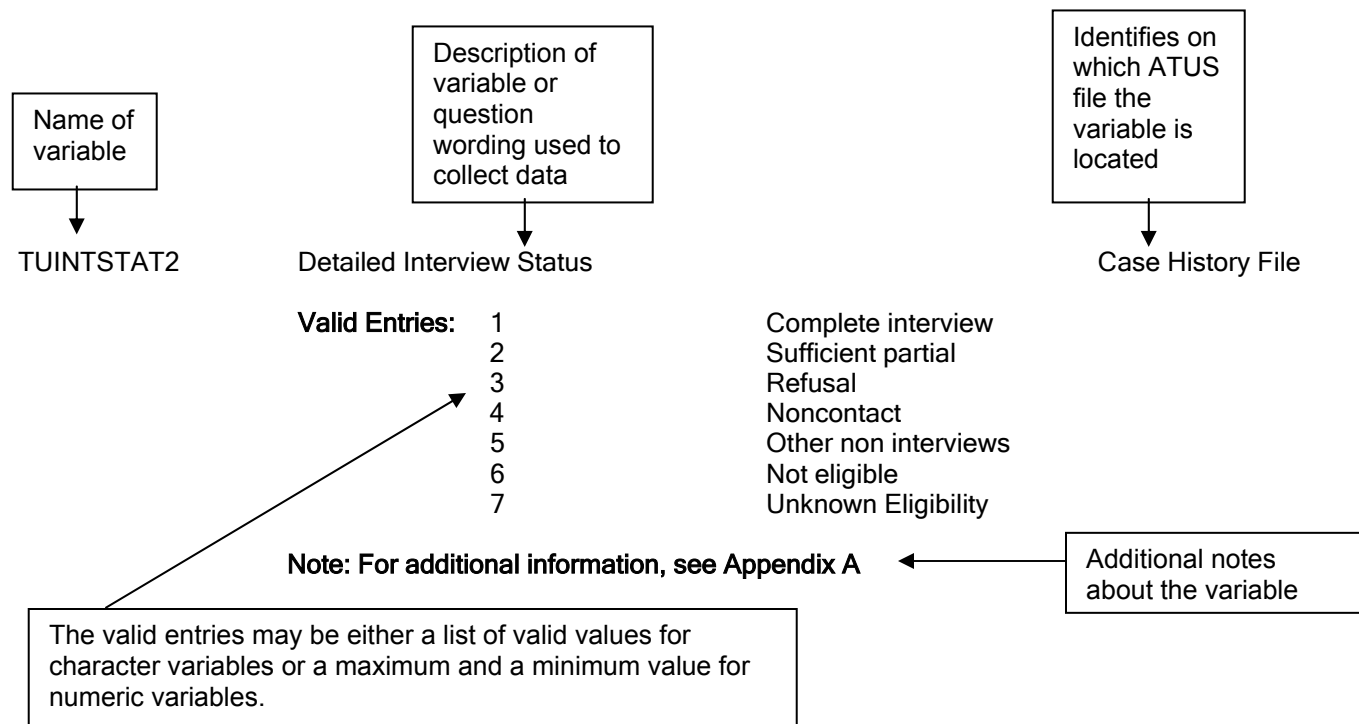
ATUS Interviewers and Coders

Four of the variables available on the Case History File are unique anonymous identification numbers: TUINTID, TUA_ID, TUC_ID, and TUV_ID. Every person who interviews or codes ATUS data is assigned a unique anonymous identification number, and each person can both interview and code. All cases are coded twice to ensure accuracy and consistency, and those cases that have been coded differently are resolved by an adjudicator. The unique identification number for a person is always the same, whether they are coding or interviewing.

Organization of the Survey Methodology Data Dictionary

Variables are listed in the data dictionary in alphabetical order.

Below is a sample entry from the ATUS Survey Methodology Data Dictionary:



Linking ATUS Public Use Files

Each of the ATUS public use files contains useful information, but in order to produce most estimates, the files must be linked. All of the public use files contain the variables TUCASEID, which is the ATUS identification number. Two other variables that can be used for linking in conjunction with TUCASEID are TULINENO, the line number of each person in the household, and TUACTIONITY_N, the number of each activity.

File	Linking Variables
Case History File	TUCASEID
Respondent File	TUCASEID TULINENO (always equal to 1 on the Respondent File)
Roster File	TUCASEID TULINENO
Activity File	TUCASEID TUACTIONITY_N
Who File	TUCASEID TUACTIONITY_N TULINENO
ATUS-CPS File	TUCASEID TULINENO

The ATUS public use files can also be linked to CPS public use files by using information on the ATUS-CPS File. More information is available in the ATUS-CPS data dictionary.

ATUS Data Dictionary: Public Survey Methodology Data

<u>Name</u>	<u>Description</u>	<u>File</u>
TUA_ID	Unique anonymous adjudicator ID	Case History File
	Valid Entries: AA00 Min Value ZZ99 Max Value * Note: All cases are coded twice. TUA_ID is the identification number of the adjudicator who reviews cases that were coded differently.	
TUAVGDUR	Average duration of all reported diary activities (in minutes)	Case History File
	Valid Entries: 0 Min Value 1440 Max Value	
TUC_ID	Unique anonymous coder ID	Case History File
	Valid Entries: AA00 Min Value ZZ99 Max Value * Note: All cases are coded twice. TUC_ID is the identification number of the first coder.	
TUCASEID	ATUS Case ID (14-digit identifier)	All Files
TUCPSDP	Is the ATUS Designated Person the same as the CPS Respondent?	Case History File
	Valid Entries: 1 Yes, Same Person 2 No, Different Person * Note: The CPS respondent does not have to be the same for all eight months of CPS. TUCPSDP identifies only if the ATUS designated person is the same as the CPS respondent for the final (month 8) CPS interview.	
TUDQUAL2	Collected from interviewer after interview: Why do you think the data should not be used?	Case History File
	Valid Entries: 1 Respondent Intentionally Providing Wrong Answer 2 Respondent Trying To Provide Correct Answer, But Could Not Correctly Remember His/Her Activities. 3 Respondent Deliberately Reported Very Long Duration Activities 4 Other * Note: The interviewer asked this question if TUINTQUAL = 1	
TUFINALCODE	Final outcome code from ATUS	Case History File
	Valid Entries: 001 Completed interview 002 Sufficient partial 014 Not eligible: Designated person underage 015 Not Eligible: Designated person not a household member 017 Not eligible: Designated person moved out 018 Other: Designated person absent, ill, or hospitalized 019 Other: Designated person institutionalized 021 Other: Language barrier 022 Unknown eligibility: Unpublished number or non-listed number 023 Unknown eligibility: Incorrect phone number 024 Not eligible: Designated person in Armed Forces 027 Unknown eligibility: Privacy detector 029 Other: Other non-interview 100 Not Eligible: Miscellaneous 104 Other: Invalid input 106 Refusal: Congressional case 108 Not Eligible: Case Deleted As Sample Reduction 109 Refusal: Hostile break-off, Interview progress achieved 110 Refusal: By parent	

<u>Name</u>	<u>Description</u>	<u>File</u>
TUFINALCODE	Final outcome code from ATUS	Case History File
	Valid Entries: 111 Refusal: By individual 112 Refusal: By parent/guardian/gatekeeper 113 Unknown eligibility: Unproductive call counter 116 Refusal: Pre-refusal based on explicit refusal or hostile break off 118 Noncontact: Incomplete callbacks, unable to contact or call back 119 Noncontact: Temporarily unavailable, absent, ill, hospitalization 120 Not eligible: Temporarily unavailable, institutional 121 Other: Unresolved language barrier 123 Unknown eligibility: Privacy detectors 124 Noncontact: Never contacted, confirmed number 125 Unknown eligibility: Never contacted, unconfirmed number 126 Other: Instrument error 127 Unknown eligibility: Never tried, No telephone number household 130 Refusal: Diary contained less than 5 activities 131 Refusal: Don't know/ refuse equals more than 180 diary minutes 132 Refusal: Diary contains less than 5 activities and DK/ R equal more than 180 diary minutes 133 Refusal: Other data quality issues * Note: If the ATUS designated respondent is deceased, the case is considered not eligible and is suppressed	
TUINTDQUAL	Collected from interviewer after interview: Is there any reason this interview should not be used?	Case History File
	Valid Entries: 1 Yes 2 No	
TUINTID	Unique anonymous ATUS interviewer ID	Case History File
	Valid Entries: AA00 Min Value ZZ99 Max Value	
TUINTSTAT1	Interview Status 1	Case History File
	Valid Entries: 1 Complete Or Sufficient Partial 2 Eligible, Non-Interview (Refusal, Noncontact, Other Non- 3 Not Eligible 4 Unknown Eligibility * Note: Definitions are listed in Appendix A	
TUINTSTAT2	Interview Status 2	Case History File
	Valid Entries: 1 Complete Interview 2 Sufficient Partial 3 Refusal 4 Noncontact 5 Other Non Interviews 6 Not Eligible 7 Unknown Eligibility * Note: Definitions are listed in Appendix A	
TUTOTACTNO	Total number of activities reported in diary	Case History File
	Valid Entries: 1 Min Value 90 Max Value	
TUV_ID	Unique anonymous verifier ID	Case History File
	Valid Entries: AA00 Min Value ZZ99 Max Value	

Name**Description****File**

*** Note:** All cases are coded twice. TUV_ID is the identification number of the second coder.

Appendix A**TUINSTAT1**

TUINSTAT1	TUINSTAT1 Definition	TUFINALCODE Values
1	Complete and Sufficient Partial	001, 002
2	Eligible Non Interview	018, 019, 021, 029, 104, 106, 109, 110, 111, 112, 116, 118, 119, 121, 124, 126, 130, 131, 132, 133
3	Not Eligible	014, 015, 017, 024, 100, 108, 120
4	Unknown Eligibility	022, 023, 027, 113, 123, 125, 127

TUINSTAT2

TUINSTAT2	TUINSTAT2 Definition	TUFINALCODE Values
1	Complete	001
2	Sufficient Partial	002
3	Refusal	106, 109, 110, 111, 112, 116, 130, 131, 132, 133
4	Noncontact	118, 119, 124
5	Other	018, 019, 021, 029, 104, 121, 126
6	Not Eligible	014, 015, 017, 024, 100, 108, 120
7	Unknown Eligibility	022, 023, 027, 113, 123, 125, 127